

## **Abstract**

- Title of thesis:** The case study of physiotherapeutical treatment of a patient with diagnosis of Vertebrogenic algic syndrome of lumbar spine with defect statics and dynamics of the spine
- Aim:** The aim of thesis is summary of theoretical findings, then study methodology purposes physiotherapy care, proposal of therapy and monitoring of therapy in patients with diagnosis of Vertebrogenic algic syndrome of lumbar spine with defect statics and dynamics of the spine.
- Methods:** This bachelor's thesis was compiled on the base of internship on the Faculty's hospital Královské Vinohrady during the time period from 23. 1. 2017 – 17. 2. 2017. This thesis is divided into two parts. The first part is concerned with theoretical findings related to this diagnosis. The second, special part encompasses case report of a patient with diagnosis Vertebrogenic algic syndrome of lumbar spine with defect statics and dynamics of the spine.
- Results:** In the first part it was managed to create theoretical knowledge of the issue. Success of therapy from the second part was confirmed by the output kinesiology analysis. The positive effects of therapeutic units are already visible subjective sensations and the pain reduction of patients. On the examinations results, we can see the improvement from input kinesiology analysis.
- Key words:** Vertebrogenic algic syndrome, lumbar spine, low back pain, physiotherapy, case